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1. A method, comprising the steps of:

receiving a frame of data having a predetermined number of time slots;

receiving a plurality of data symbols in each respective time slot; and

receiving a primary, a secondary and a tertiary synchronization code in each said

predetermined number of time slots.

2. A method as in claim 1, wherein the secondary and the tertiary synchronization codes identify a subset of codes.

3. A method as in claim 2, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of synchronization code elements, the predetermined order corresponding to the subset of codes.

4. A method as in claim 1, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of common synchronization code elements.

5. A method as in claim 1, wherein a mobile receiver identifies a first time slot of the frame by the tertiary synchronization code.

Cancel claims 6-12.

13.   A method, comprising the steps of:

transmitting a frame of data having a predetermined number of time slots;

transmitting a plurality of data symbols in each respective time slot; and

transmitting a primary, a secondary and a tertiary synchronization code in each said predetermined number of time slots.

14.   A method as in claim 13, wherein the secondary and the tertiary synchronization codes identify a subset of codes.

15.   A method as in claim 14, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of synchronization code elements, the predetermined order corresponding to the subset of codes.

16.   A method as in claim 13, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of common synchronization code elements.

17.   A method as in claim 13, wherein the tertiary synchronization code order corresponds to an order of time slots in the frame.